

<b>APPLICANT'S ART CITATION</b>  (Use several sheets if necessary)	Application	OFGS File No. <b>P/1905-86</b>
	Applicant <b>Yasushi MARUTA et al</b> #1	
	Filing Date	Group Art Unit

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate

U.S. PRO  
 386509  
 09/09/98  
 10676


**FOREIGN PATENT DOCUMENTS**

	Document Number							Date	Country	Class	Sub-class	Translation	
												Yes	No
DW	1	0-	9	8	3	2	4	04/14/98	Japan	—	—	X Abs- tract only	
DW	1	0-	6	8	7	5	1	03/10/98	Japan	—	—	X Abs- tract only	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


Examiner *Demuth William*Date Considered *7/17/02*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

APPLICANT'S ART CITATION  (Use several sheets if necessary)		Application 09/388,509		OFGS File No. P/1905-86							
		Applicant MARUTA et al.		#S							
		Filing Date 9/2/99		Group Art Unit Unknown							
U.S. PATENT DOCUMENTS											
Examiner Initials	Document Number				Date	Name	Class	Sub-class	Filing Date If Appropriate		
DW	5	5	4	8	8	1	3	8/1996	CHARAS et al.	—	—
DW	4	7	4	8	6	8	2	5/1998	FUKAE et al.	—	—
FOREIGN PATENT DOCUMENTS											
	Document Number				Date	Country	Class	Sub-class	Translation		
									Yes	No	
DW	0	7	4	4	8	4	1	11/1996	EUROPE	—	—
DW	0	7	1	5	4	7	8	6/1996	EUROPE	—	—
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
		European Search Report issued 10/24/00 in a related application (in English).									
		PATENT ABSTRACTS OF JAPAN, vol. 1998, no. 11, 30 September 1998 & JP-10-174160 A (NTT IDO TSUSHINMO KK), 26 June 1998, *abstract*.									
		PATENT ABSTRACTS OF JAPAN, vol. 1996, no. 06, 28 June 1996 & JP-08-032347 A (NIPPON IDO TSUSHIN'KK; OTHERS: 01), 2 February 1996, *abstract*.									
Examiner	<i>Demetra Williams</i>			Date Considered		<i>7/17/02</i>					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.											

RECEIVED

FEB 7 - 2001

Technology Center 2800

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET

1

of

1

## Complete if Known

Application Number	09/388,509
Filing Date	September 2, 1999
First Named Inventor	Yasushi Maruta
Art Unit	2734
Examiner Name	Not Yet Assigned

RECEIVED  
MAY 13 2002

Technology Center 2600

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
DAW	A	JP-10-051215 (w/ English Abstract)	02-20-1998	Nippon Telegr & Teleph corp.		

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	B	Japanese Office Action issued April 9, 2002	

Examiner Signature

*Demetru Williams*

Date Considered

*7/7/02*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.